

CLAIMS

- 1 Composition comprising, per 100 parts by weight :
- 99 to 60 parts of a styrene polymer (A),
5 - 1 to 40 parts of (B) + (C),
(B) being a copolymer containing polyamide blocks and polyether blocks comprising essentially ethylene oxide units $-(C_2H_4-O)-$,
(C) being a compatibilizer chosen from low-mass copolymers (C1) of styrene and of an unsaturated carboxylic acid anhydride, copolymers (C2) of ethylene and of an unsaturated carboxylic acid anhydride and copolymers (C3) of ethylene and of an unsaturated epoxy, blocks copolymers (C4) SBS or SIS grafted by an unsaturated carboxylic acid or an unsaturated carboxylic acid anhydride and mixtures thereof,
10 (B)/(C) being between 2 and 10.
- 15 2 Composition according to Claim 1, in which (A) is polystyrene.
- 3 Composition according to Claim 1, in which (A) is ABS.
- 20 4 Composition according to any one of the preceding claims, in which (C1) is a copolymer of styrene and maleic anhydride, having an average molar mass of between 800 and 10,000.
- 5 Composition according to any one of Claims 1 to 3, in which
25 (C2) is chosen from ethylene-alkyl (meth)acrylate-maleic anhydride copolymers, these copolymers containing from 0.2 to 10% by weight of maleic anhydride and from 0 to 40% by weight of alkyl (meth)acrylate.
- 6 Composition according to any one of Claims 1 to 3, in which
30 (C3) is advantageously an ethylene/alkyl (meth)acrylate/unsaturated epoxy copolymer possibly containing up to 40% by weight of alkyl(meth)acrylate and up to 10% by weight of unsaturated epoxy.

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7 Composition according to any one of the preceding claims, in which the amount of (B) + (C) is advantageously from 5 to 20 parts per 95 to 80 parts of (A).

5 8 Composition according to any one of the preceding claims, in which the ratio (B)/(C) is between 4 and 6.

9 Articles manufactured from a composition according to any one of the preceding claims.

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